

Arizona School Redistricting Commission

Analytical Approach to the Redistricting Decision Process

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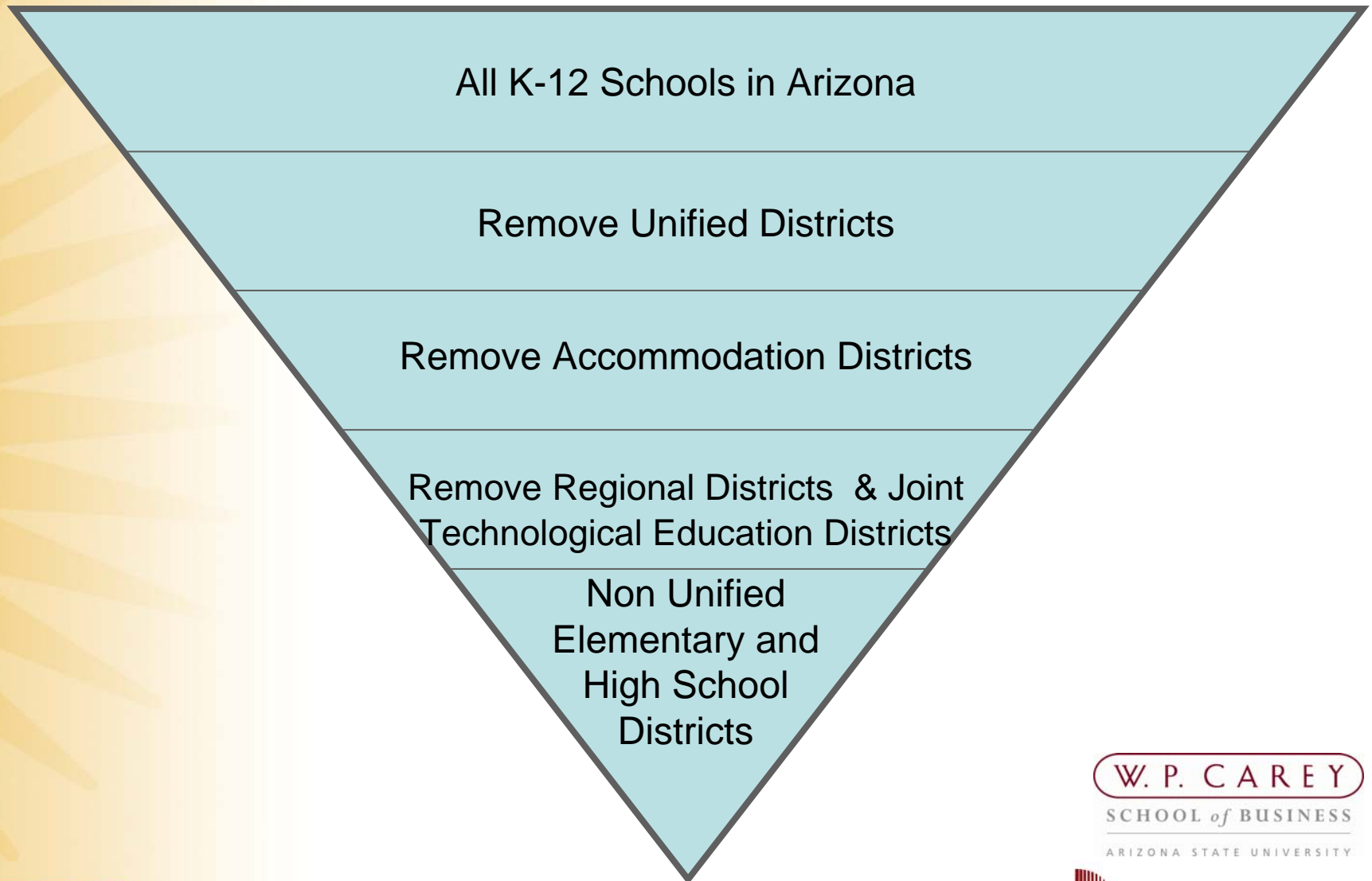
Topics

- Our Assumptions
- The Filtering Process
- The Arizona Redistricting Tool (ART)
- Data Quality
- Proposed Process for the Commission
- Background Binder

Our Assumptions

- Focus on non-unified elementary and high school districts
- Data at the school level will take a greater effort to collect
- Unified Districts will not be modified
- When considering a split in high school districts, the area served by a high school is the same as the area encompassing the elementary school districts

The Filtering Process



The Arizona Redistricting Tool (ART)

- Geographic Information System (GIS) based tool
- Customized for Arizona and State-wide Analysis
- Multiple Plan and Scenario Comparison Options
- Immediate Visualization of Data in Graphs and Maps

Data Quality

- School locations in ART is about 95% complete
- School district boundaries generally reflect the area served by a district
- We are filling holes as quickly as possible
- We exclude missing data from our analysis and charts

Proposed Process to Develop Redistricting Options

- Identify commissioners who want to work on initial set of redistricting options
- Assign counties to each commissioner or group of commissioners
- Ask commissioners to establish two redistricting options for each county with one designated as the preferred option
- Collect these scenarios and enter them into the Arizona Redistricting Tool (ART)
- Present these scenarios to the full commission for discussion, review, and decision